SLIC #760 AA

10/9/99

FREY ENVIRONMENTAL, INC.

Environmental Geologists, Engineers, Assessors

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July 9, 1999
172-01

Augustine Anijielo
Regional Water Quality Control Board
Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, California 90013

GROUNDWATER MONITORING WELL SAMPLING
SECOND QUARTER 1999
FORMER MONDO CHROME FACILITY
4933 FIRESTONE BOULEVARD
SOUTH GATE, CALIFORNIA

Dear Mr. Anijielo:

This letter presents the results of groundwater sampling activities for the second quarter of 1999 at the site of the former Mondo Chrome facility located at 4933 Firestone Boulevard in South Gate, California (Figure 1).

SUMMARY OF ACTIVITIES

On June 24, 1999, groundwater monitoring wells MW1, MW2 and MW3 were measured for depth to water and checked for the presence of light non-aqueous phase liquids (LNAPLs). LNAPLs were not detected in wells MW1, MW2 or MW3 which were then purged and sampled according to the procedures presented in Appendix A.

Groundwater samples were analyzed for halogenated volatile organic compounds in general accordance with EPA Method No. 8021B. Groundwater samples were also analyzed for total chromium and cadmium in general accordance with EPA Method No. 200.7 and for hexavalent chromium in general accordance with EPA Method No. 3500.

Groundwater purged from the wells is temporarily being stored on-Site in 55-gallon drums. The purged groundwater will be transported and disposed of at a State-certified recycling facility at a later date.

RESULTS

- Tetrachloroethene (PCE) and trichloroethene (TCE) were detected at concentrations of 600 micrograms per liter (ug/L) and 780 ug/L, respectively, in the water sample collected from well MW1. No other compounds analyzed as part of EPA Method No. 8021B were detected in the groundwater sample collected from MW1. Chromium was detected at a concentration of 30 ug/L in the water sample collected from well MW1.

- PCE , TCE and cis-1,2-Dichloroethene (cis-1,2-DCE) were detected at concentrations of 20 ug/L, 160 ug/L and 13 ug/L, respectively, in the groundwater sample collected from well MW2. No other compounds analyzed as part of EPA Method No. 8021B were detected in the groundwater sample collected from MW2. Chromium was detected at a concentration of 50 ug/L in the water sample collected from well MW2.

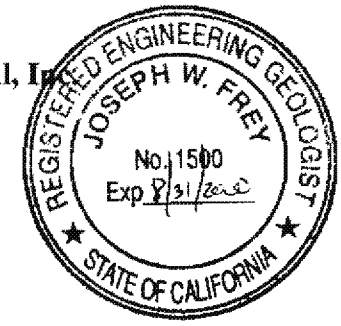
- PCE , TCE and cis-1,2-DCE were detected at concentrations of 7.4 ug/L, 110 ug/L and 7.3 ug/L, respectively, in the groundwater sample collected from well MW3. No other compounds analyzed as part of EPA Method No. 8021B were detected in the groundwater sample collected from MW3. Chromium was detected at a concentration of 50 ug/L in the water sample collected from well MW3.

- Hexavalent chromium and cadmium were not detected above the laboratory detection limits of 20 ug/L and 4 ug/L, respectively, in groundwater samples MW1, MW2 or MW3.

- The direction of groundwater flow was toward the southwest at an estimated gradient of 0.0004 feet per foot on June 24, 1999. A site sketch showing groundwater elevations and estimated direction of groundwater flow on June 24, 1999 is presented on Figure 2.

- Calculated groundwater elevations and chemical analytical data have been summarized in Table 1. Laboratory reports are presented in Appendix B.

Sincerely,
FREY Environmental, Inc.



Joe Frey
Principal Certified
Engineering Geologist
CEG #1500

Evan Privett
Senior Project Geologist

Enclosures:
Table 1 - Groundwater Levels and Chemical Analyses
Figure 1 - Location Map
Figure 2 - Site Sketch Showing Groundwater Elevations and Estimated Groundwater Flow Direction on June 24, 1999.
Appendix A - Field Procedures
Appendix B- Laboratory Results

cc: Mr. Howard Kay
The Kay Companies
475 Seventeenth Street
Suite 940
Denver, CO 80202

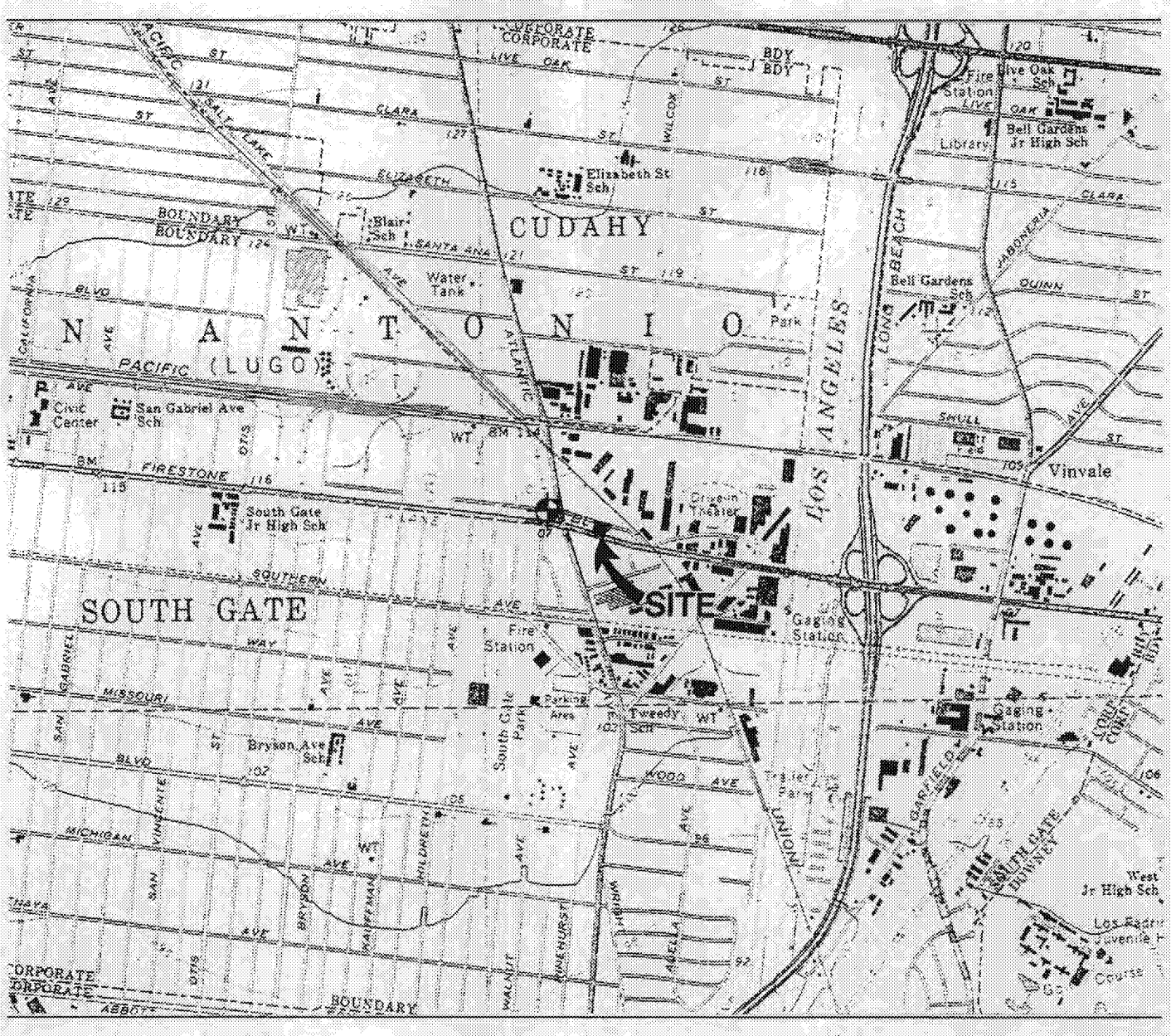
TABLE

TABLE 1
GROUNDWATER LEVELS AND CHEMICAL ANALYSES
FORMER MONDO CHROME FACILITY
4933 FIRESTONE BOULEVARD
SOUTH GATE, CALIFORNIA

Well No.	Well Elevation (ft-msl)	Screen Interval (feet-bgs)	Date Sampled	Depth to Groundwater (feet)	Groundwater Elevation (ft-msl)	PCE ug/l (ppb)	TCE ug/l (ppb)	cis-1,2-DCE ug/l (ppb)	1,1-DCE ug/l (ppb)	Chromium ug/l (ppb)	Chromium VI ug/l (ppb)	Cadmium ug/l (ppb)
MW1	109.40	30-55	12/07/98	41.58	67.82	110	140	6.8	<1.0	NA	NA	NA
			03/03/99	40.71	68.69	140	190	<10.0	<16.0	19	<20	<4
			06/24/99	40.36	69.04	600	780	<25.0	<40.0	30	<20	<4
MW2	109.45	30-55	12/07/98	41.68	67.77	11	77	16	<1.0	NA	NA	NA
			03/03/99	40.81	68.64	6.5	130	13	<4.0	33	<20	<4
			06/24/99	40.45	69.00	20	160	13	<8.0	50	<20	<4
MW3	109.61	30-55	12/07/98	41.78	67.83	9.3	75	10	1.7	NA	NA	NA
			03/03/99	40.94	68.67	5.1	100	6.4	<4.0	68	<20	<4
			06/24/99	40.59	69.02	7.4	110	7.3	<8.0	50	<20	<4
DTSC MCLs						5	5	6	6	50	NA	5

Notes
1) Well elevation recorded at top of casing.
2) PCE = Tetrachloroethene
3) TCE = Trichloroethene
4) cis 1,2-DCE = cis 1,2 Dichloroethene
5) 1,1-DCE = 1,1 Dichloroethene
6) Maximum Contaminant Levels (MCLs) are enforceable drinking water standards.
7) NA - Not applicable

FIGURES



EXPLANATION

- ⌖ Groundwater well UNOCAL property
- **MW1** Well number
- (53') Depth to groundwater in feet MSL (1994)

NORTH

0 1/2 1

SCALE IN MILES

FORMER MONDO CHROME FACILITY
4933 FIRESTONE BOULEVARD
SOUTH GATE, CALIFORNIA

Client: TEDESCO LEASING **Project No.: 172-01**

NOTES:

1) All locations and dimensions are approximate.
2) Base map from USGS 7.5 minute South Gate (1968, photorevised 1981), California topographic quadrangle.
3) Groundwater well data from FUGRO West, Inc., project no. 94-48-1320.

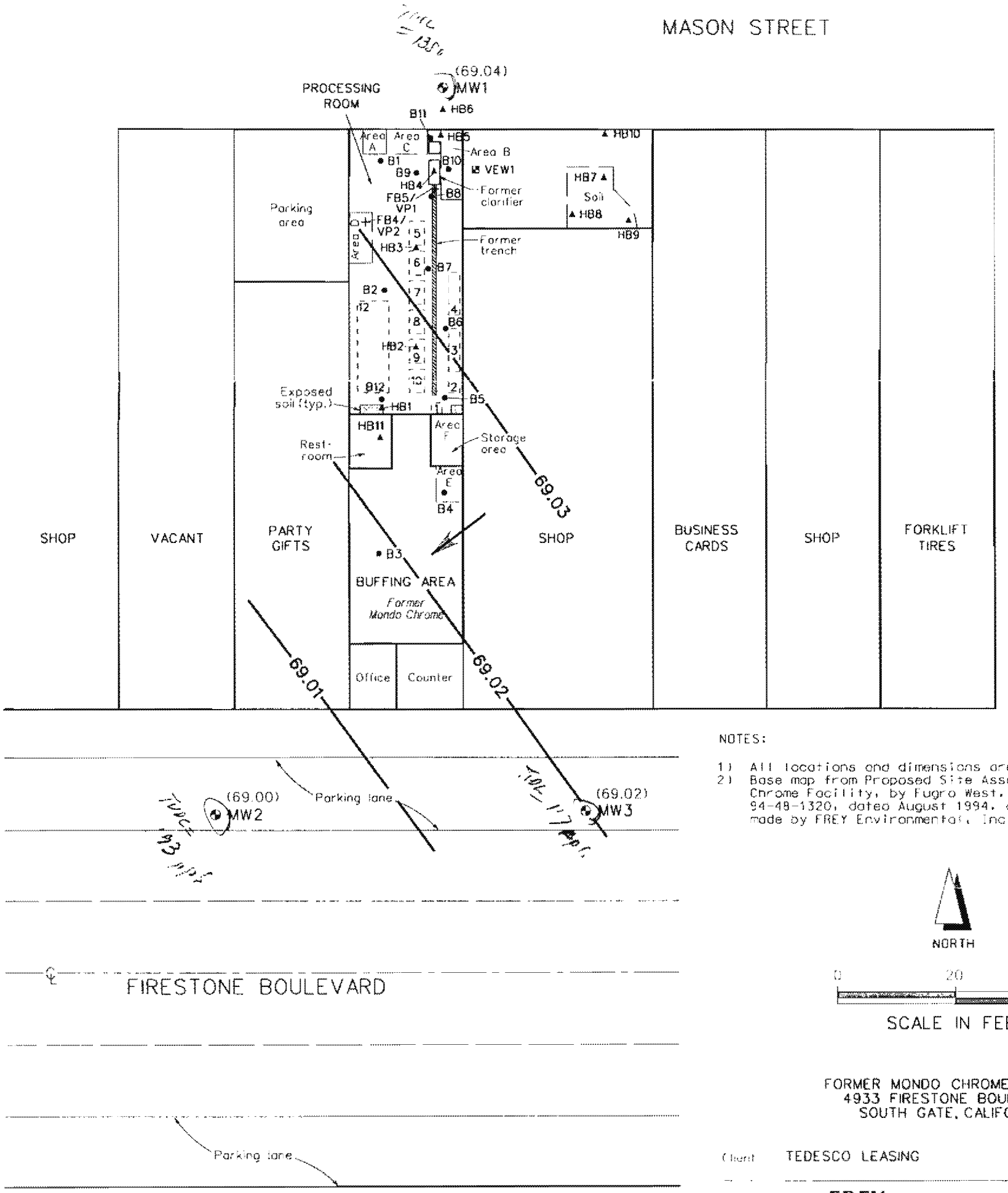
FREY ENVIRONMENTAL, INC.

SITE LOCATION MAP

Date: JANUARY 1996 **Figure: 1**

EXPLANATION

▲ HB6	HAND AUGER BORING LOCATION
● B11	BORING LOCATION
■ VEW1	VAPOR EXTRACTION WELL LOCATION
+ FB4/ VP2	SOIL SAMPLE LOCATION/VAPOR PROBE LOCATION
◉ MW3	GROUNDWATER MONITORING WELL LOCATION
(69.02)	With groundwater elevation in feet MSL, on June 24, 1999
69.02	CONTOUR OF EQUAL GROUNDWATER ELEVATION in feet MSL, on June 24, 1999
→	ESTIMATED GROUNDWATER FLOW DIRECTION



NOTES:

1) All locations and dimensions are approximate.
2) Base map from Proposed Site Assessment, Former Mondo Chrome Facility, by Fugro West, Inc., project no. 94-48-1320, dated August 1994, and field observations made by FREY Environmental, Inc. July 1996.

NORTH

0 20 40

SCALE IN FEET

FORMER MONDO CHROME FACILITY
4933 FIRESTONE BOULEVARD
SOUTH GATE, CALIFORNIA

Client TEDESCO LEASING Project No 172-01

FREY ENVIRONMENTAL, INC.

SITE SKETCH SHOWING GROUNDWATER ELEVATIONS AND ESTIMATED GROUNDWATER FLOW DIRECTION ON JUNE 24, 1999

Date JULY 1999 Figure 2

172D1-2a.DGN

APPENDIX A

FIELD PROCEDURES/WATER SAMPLING DATA FORMS

WELL PURGING AND GROUND WATER SAMPLING

1. The water level, and depth to the bottom of the well in each well, was recorded using a conductance probe prior to well purging. A clear bailer sample was taken and visually inspected for turbidity and the presence of free product.

2. The groundwater monitoring wells were purged of at least three well volumes using a submersible pump.

3. The well was allowed to recover to at least 80 percent of its original well volume prior to sampling.

4. The ground water samples were collected using a stainless steel bailer held by dedicated nylon line.

5. All items entering the well; tapes, conductance probe, bailers were cleaned prior to use and between sampling periods.

6. Groundwater collected from each monitoring well was placed into EPA approved, zero head space, 40 milliliters (mL) vials, 250 mL and 500 mL containers.

7. Each sample was labeled.

8. The samples were placed in a bag, and into an ice chest, and cooled following collection.

9. The samples were delivered to the laboratory directly after collection. Sample handling, transport, and delivery to the laboratory were documented using chain of custody procedures and appropriate Chain-of-Custody forms.

GROUNDWATER SAMPLING DATA

Page ____ of ____

SITE NAME Mondo CHROME DATE 6/24/99

JOB NO. 172-01 SAMPLING PERSONNEL Yidelio Ramirez

WELL NUMBER	Well Diameter (ID)	Reference Point
MW 3	2"	TOC
WATER DEPTH (ft)	**WELL DEPTH**	**Feet of H20 in Well**
40.59	53.40	12.81

TIME	ELAPSED TIME	GALLONS PURGED	pH	Temp (deg. F)	Cond.	Turbidity	COMMENTS
11:57							Start pump
11:58	01	2	7.16	78.6	1,720		dirty water
11:59	02	4	7.15	76.7	1,860		dirty water
12:01	04	8	7.22	75.6	1,780		Nice water
12:01		8					Top pump
12:53			7.46	82.6	2,760		Sample
TOTAL GALLONS PURGED		8.00					

SAMPLE DEPTH (FT)	PURGE METHOD	PURGE PUMPING RATE (GPM)
40.81	2" pump	2

FIELD EQUIPMENT	MODEL NAME/ DESCRIPTION	
pH Meter/EC Meter	Hydacx	#5
Turbidity Meter		
Pump (Dia./Type)	2" pump	#1
Water Level Meter	Solinst	#1
Bailer (Dia.x length)	1.5 X 36	#1

SAMPLE NUMBER	# BOTTLES
MW3	3

WELL VOLUME CALCULATIONS:

(Water Column Thickness) (Multiplier) = One Well Volume in Gallons

4-INCH WELL: (_____ Ft) x (0.65) = _____ Gallons

3 Well Volumes = _____ Gallons

2-INCH WELL: (12.81 Ft) x (0.16) = 2.04 Gallons

3 Well Volumes = 6.14 Gallons

FREY ENVIRONMENTAL, INC.

GROUNDWATER SAMPLING DATA

Page ____ of ____

SITE NAME Mondo CHROME

DATE 6/24/99

JOB NO. 172-01

SAMPLING PERSONNEL Victor Ramirez

WELL NUMBER	Well Diameter (ID)	Reference Point
MW 2	2"	TOC
WATER DEPTH (ft)	**WELL DEPTH**	**Feet of H20 in Well**
40.45	53.22	12.77

TIME	ELAPSED TIME	GALLONS PURGED	ph	Temp (deg. F)	Cond.	Turbidity	COMMENTS
12:17							Start pump
12:18	01	2	7.27	78.1	1,810		Cloudy water
12:20	03	6	7.23	76.9	1,760		Cloudy water
12:21	04	8	7.22	75.8	1,750		Cloudy water
12:21		8					Stop pump
1:03			7.17	81.5	2,180		Sample
TOTAL GALLONS PURGED		8.00					

SAMPLE DEPTH (FT)	PURGE METHOD	PURGE PUMPING RATE (GPM)
4.80	2" pump	2

FIELD EQUIPMENT	MODEL NAME/ DESCRIPTION	
pH Meter/EC Meter	Hydac	#5
Turbidity Meter		
Pump (Dia./Type)	2" pump	#1
Water Level Meter	Solinst	#1
Bailer (Dia.x length)	1.5 x 36"	#1

SAMPLE NUMBER	# BOTTLES
MW 2	3

WELL VOLUME CALCULATIONS:

(Water Column Thickness) (Multiplier) = One Well Volume in Gallons

4-INCH WELL: (_____ Ft) x (0.65) = _____ Gallons

3 Well Volumes = _____ Gallons

2-INCH WELL: (12.77 Ft) x (0.16) = 2.04 Gallons

3 Well Volumes = 6.12 Gallons

FREY ENVIRONMENTAL, INC.

GROUNDWATER SAMPLING DATA

Page ____ of ____

SITE NAME Mondo CHROME DATE 6/24-99

JOB NO. 172-01 SAMPLING PERSONNEL Victor Ramirez

WELL NUMBER	Well Diameter (ID)	Reference Point
MW1	2"	Toc
WATER DEPTH (ft)	**WELL DEPTH**	**Feet of H20 in Well**
40.36	54.48	14.12

TIME	ELAPSED TIME	GALLONS PURGED	pH	Temp (deg. F)	Cond.	Turbidity	COMMENTS
1:48							Start pump
1:49	01	2	7.39	83.9	1,590		Cloudy water
1:51	03	6	7.38	77.6	1,320		Cloudy water.
1:52	04	8	7.34	75.6	1,240		Cloudy water.
							Stop pump
2:17			7.34	80.6	1,360	Clear	Sample
TOTAL GALLONS PURGED		8.000					

SAMPLE DEPTH (FT)	PURGE METHOD	PURGE PUMPING RATE (GPM)
	2" pump	2

FIELD EQUIPMENT	MODEL NAME/ DESCRIPTION	
pH Meter/EC Meter	Hydac	#5
Turbidity Meter		
Pump (Dia./Type)	2" pump	#1
Water Level Meter	Solinst	#1
Bailer (Dia.x length)	1.5 x 36"	#1

SAMPLE NUMBER	# BOTTLES
MW1	3

WELL VOLUME CALCULATIONS:

(Water Column Thickness) (Multiplier) = One Well Volume in Gallons

4-INCH WELL: (_____ Ft) x (0.65) = _____ Gallons

3 Well Volumes = _____ Gallons

2-INCH WELL: (14.12 Ft) x (0.16) = 2.25 Gallons

3 Well Volumes = 6.77 Gallons

FREY ENVIRONMENTAL, INC.

APPENDIX B

LABORATORY RESULTS

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900 *FAX 714/538-1209*

CLIENT Frey Environmental, Inc. (7741)
ATTN: Evan Privett
2817A Lafayette Ave.
Newport Beach, CA 92663

LAB REQUEST 39009

REPORTED 6/30/99
RECEIVED 6/24/99

PROJECT Mondo Chrome

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
128809	MW1
128810	MW2
128811	MW3

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing , all samples will be discarded by appropriate disposal protocol 30 days from date reported.

TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 128809 **Client:** Frey Environmental, Inc.

Matrix: WATER **Client Sample ID:** MW1

Date Sampled: 6/24/99

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
200.7 ICP Total Metals - Water Only						
Cadmium	ND	1	0.004	mg/L	6/25/99	MT
Chromium	0.03	1	0.003	mg/L	6/25/99	MT
3500Cr-D Chromium, Hexavalent						
Chromium, Hexavalent	ND	1	0.02	mg/L	6/24/99	LN
8021B Halogenated Volatile Organics (HVO)						
1,1,1-Trichloroethane	ND	50	25.0	ug/L	6/24/99	DC
1,1,2,2-Tetrachloroethane	ND	50	25.0	ug/L	6/24/99	DC
1,1,2-Trichloroethane	ND	50	25.0	ug/L	6/24/99	DC
1,1-Dichloroethane	ND	50	40.0	ug/L	6/24/99	DC
1,1-Dichloroethene	ND	50	40.0	ug/L	6/24/99	DC
1,2-Dibromoethane	ND	50	50.0	ug/L	6/24/99	DC
1,2-Dichlorobenzene	ND	50	50.0	ug/L	6/24/99	DC
1,2-Dichloroethane	ND	50	25.0	ug/L	6/24/99	DC
1,2-Dichloropropane	ND	50	25.0	ug/L	6/24/99	DC
1,3-Dichlorobenzene	ND	50	100.0	ug/L	6/24/99	DC
1,4-Dichlorobenzene	ND	50	50.0	ug/L	6/24/99	DC
2-Chloroethylvinyl ether	ND	50	35.0	ug/L	6/24/99	DC
Bromoform	ND	50	25.0	ug/L	6/24/99	DC
Bromomethane	ND	50	50.0	ug/L	6/24/99	DC
Carbon tetrachloride	ND	50	35.0	ug/L	6/24/99	DC
Chlorobenzene	ND	50	50.0	ug/L	6/24/99	DC
Chloroethane	ND	50	25.0	ug/L	6/24/99	DC
Chloroform	ND	50	25.0	ug/L	6/24/99	DC
Chloromethane	ND	50	50.0	ug/L	6/24/99	DC
Dibromochloromethane	ND	50	25.0	ug/L	6/24/99	DC
Dichlorobromomethane	ND	50	25.0	ug/L	6/24/99	DC
Dichlorodifluoromethane	ND	50	100.0	ug/L	6/24/99	DC
Methylene Chloride	ND	50	50.0	ug/L	6/24/99	DC
Tetrachloroethene	600	50	25.0	ug/L	6/24/99	DC
Trichloroethene	780	50	30.0	ug/L	6/24/99	DC
Trichlorofluoromethane	ND	50	25.0	ug/L	6/24/99	DC
Vinyl chloride	ND	50	50.0	ug/L	6/24/99	DC
cis-1,2-Dichloroethene	ND	50	25.0	ug/L	6/24/99	DC
cis-1,3-Dichloropropene	ND	50	75.0	ug/L	6/24/99	DC

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 128809
Matrix: WATER
Date Sampled: 6/24/99
Time Sampled:
Sampled By:

Client: Frey Environmental, Inc.
Client Sample ID: MW1

Analyte	Result	DF	DLR	Units	Date/Analyst	
8021B Halogenated Volatile Organics (HVO)						
trans-1,2-Dichloroethene	ND	50	40.0	ug/L	6/24/99	DC
trans-1,3-Dichloropropene	ND	50	75.0	ug/L	6/24/99	DC

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 128810 **Client:** Frey Environmental, Inc.

Matrix: WATER **Client Sample ID:** MW2

Date Sampled: 6/24/99

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
200.7 ICP Total Metals - Water Only						
Cadmium	ND	1	0.004	mg/L	6/25/99	MT
Chromium	0.05	1	0.003	mg/L	6/25/99	MT
3500Cr-D Chromium, Hexavalent						
Chromium, Hexavalent	ND	1	0.02	mg/L	6/24/99	LN
8021B Halogenated Volatile Organics (HVO)						
1,1,1-Trichloroethane	ND	10	5.0	ug/L	6/25/99	DC
1,1,2,2-Tetrachloroethane	ND	10	5.0	ug/L	6/25/99	DC
1,1,2-Trichloroethane	ND	10	5.0	ug/L	6/25/99	DC
1,1-Dichloroethane	ND	10	8.0	ug/L	6/25/99	DC
1,1-Dichloroethene	ND	10	8.0	ug/L	6/25/99	DC
1,2-Dibromoethane	ND	10	10.0	ug/L	6/25/99	DC
1,2-Dichlorobenzene	ND	10	10.0	ug/L	6/25/99	DC
1,2-Dichloroethane	ND	10	5.0	ug/L	6/25/99	DC
1,2-Dichloropropane	ND	10	5.0	ug/L	6/25/99	DC
1,3-Dichlorobenzene	ND	10	20.0	ug/L	6/25/99	DC
1,4-Dichlorobenzene	ND	10	10.0	ug/L	6/25/99	DC
2-Chloroethylvinyl ether	ND	10	7.0	ug/L	6/25/99	DC
Bromoform	ND	10	5.0	ug/L	6/25/99	DC
Bromomethane	ND	10	10.0	ug/L	6/25/99	DC
Carbon tetrachloride	ND	10	7.0	ug/L	6/25/99	DC
Chlorobenzene	ND	10	10.0	ug/L	6/25/99	DC
Chloroethane	ND	10	5.0	ug/L	6/25/99	DC
Chloroform	ND	10	5.0	ug/L	6/25/99	DC
Chloromethane	ND	10	10.0	ug/L	6/25/99	DC
Dibromochloromethane	ND	10	5.0	ug/L	6/25/99	DC
Dichlorobromomethane	ND	10	5.0	ug/L	6/25/99	DC
Dichlorodifluoromethane	ND	10	20.0	ug/L	6/25/99	DC
Methylene Chloride	ND	10	10.0	ug/L	6/25/99	DC
Tetrachloroethene	20	10	5.0	ug/L	6/25/99	DC
Trichloroethene	160	10	6.0	ug/L	6/25/99	DC
Trichlorofluoromethane	ND	10	5.0	ug/L	6/25/99	DC
Vinyl chloride	ND	10	10.0	ug/L	6/25/99	DC
cis-1,2-Dichloroethene	13	10	5.0	ug/L	6/25/99	DC
cis-1,3-Dichloropropene	ND	10	15.0	ug/L	6/25/99	DC

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 128810
Matrix: WATER
Date Sampled: 6/24/99
Time Sampled:
Sampled By:

Client: Frey Environmental, Inc.
Client Sample ID: MW2

Analyte	Result	DF	DLR	Units	Date/Analyst	
8021B Halogenated Volatile Organics (HVO)						
trans-1,2-Dichloroethene	ND	10	8.0	ug/L	6/25/99	DC
trans-1,3-Dichloropropene	ND	10	15.0	ug/L	6/25/99	DC

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 128811 **Client:** Frey Environmental, Inc.

Matrix: WATER **Client Sample ID:** MW3

Date Sampled: 6/24/99

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
200.7 ICP Total Metals - Water Only						
Cadmium	ND	1	0.004	mg/L	6/25/99	MT
Chromium	0.05	1	0.003	mg/L	6/25/99	MT
3500Cr-D Chromium, Hexavalent						
Chromium, Hexavalent	ND	1	0.02	mg/L	6/24/99	LN
8021B Halogenated Volatile Organics (HVO)						
1,1,1-Trichloroethane	ND	10	5.0	ug/L	6/25/99	DC
1,1,2,2-Tetrachloroethane	ND	10	5.0	ug/L	6/25/99	DC
1,1,2-Trichloroethane	ND	10	5.0	ug/L	6/25/99	DC
1,1-Dichloroethane	ND	10	8.0	ug/L	6/25/99	DC
1,1-Dichloroethene	ND	10	8.0	ug/L	6/25/99	DC
1,2-Dibromoethane	ND	10	10.0	ug/L	6/25/99	DC
1,2-Dichlorobenzene	ND	10	10.0	ug/L	6/25/99	DC
1,2-Dichloroethane	ND	10	5.0	ug/L	6/25/99	DC
1,2-Dichloropropane	ND	10	5.0	ug/L	6/25/99	DC
1,3-Dichlorobenzene	ND	10	20.0	ug/L	6/25/99	DC
1,4-Dichlorobenzene	ND	10	10.0	ug/L	6/25/99	DC
2-Chloroethylvinyl ether	ND	10	7.0	ug/L	6/25/99	DC
Bromoform	ND	10	5.0	ug/L	6/25/99	DC
Bromomethane	ND	10	10.0	ug/L	6/25/99	DC
Carbon tetrachloride	ND	10	7.0	ug/L	6/25/99	DC
Chlorobenzene	ND	10	10.0	ug/L	6/25/99	DC
Chloroethane	ND	10	5.0	ug/L	6/25/99	DC
Chloroform	ND	10	5.0	ug/L	6/25/99	DC
Chloromethane	ND	10	10.0	ug/L	6/25/99	DC
Dibromochloromethane	ND	10	5.0	ug/L	6/25/99	DC
Dichlorobromomethane	ND	10	5.0	ug/L	6/25/99	DC
Dichlorodifluoromethane	ND	10	20.0	ug/L	6/25/99	DC
Methylene Chloride	ND	10	10.0	ug/L	6/25/99	DC
Tetrachloroethene	7.4	10	5.0	ug/L	6/25/99	DC
Trichloroethene	110	10	6.0	ug/L	6/25/99	DC
Trichlorofluoromethane	ND	10	5.0	ug/L	6/25/99	DC
Vinyl chloride	ND	10	10.0	ug/L	6/25/99	DC
cis-1,2-Dichloroethene	7.3	10	5.0	ug/L	6/25/99	DC
cis-1,3-Dichloropropene	ND	10	15.0	ug/L	6/25/99	DC

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 128811 **Client:** Frey Environmental, Inc.
Matrix: WATER **Client Sample ID:** MW3
Date Sampled: 6/24/99
Time Sampled:
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8021B Halogenated Volatile Organics (HVO)						
trans-1,2-Dichloroethene	ND	10	8.0	ug/L	6/25/99	DC
trans-1,3-Dichloropropene	ND	10	15.0	ug/L	6/25/99	DC

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES

QA REPORT FORM (MS/MSD)

QC Sample: LR 38995 - 128786

Matrix: WATER

Prep. Date: 06/25/99

Analysis Date: 06/25/99

Lab ID#'s in Batch: LR 38995, 39025, 38998, 39002, 39003, 39004, 38958, 38887, 38972, 39009

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

REPORTING UNITS = mg/L

TEST	Method	Sample Result	ND	Spike Added	Matrix Spike	Matrix Spike Dup	%Rec MS	%Rec MSD	RPD
Arsenic	6010	0.003	U	0.1	0.098	0.099	98.0	99.0	1.0
Selenium	6010	0.004	U	0.1	0.095	0.095	95.0	95.0	0.0
Thallium	6010	0.003	U	0.1	0.092	0.093	92.0	93.0	1.1
Lead	6010	0.037		0.2	0.226	0.226	94.5	94.5	0.0
Antimony	6010	0.030	U	1.0	1.04	1.03	104.0	103.0	1.0
Barium	6010	0.121		1.0	1.16	1.14	103.9	101.9	1.7
Beryllium	6010	0.001	U	1.0	1.03	1.01	103.0	101.0	2.0
Cadmium	6010	0.004	U	1.0	1.04	1.02	104.0	102.0	1.9
Chromium	6010	0.006		1.0	1.04	1.02	103.4	101.4	1.9
Cobalt	6010	0.005	U	1.0	1.04	1.02	104.0	102.0	1.9
Copper	6010	0.036		1.0	1.02	1.02	98.4	98.4	0.0
Molybdenum	6010	0.010	U	1.0	1.03	1.02	103.0	102.0	1.0
Nickel	6010	0.008	U	1.0	1.030	1.020	103.0	102.0	1.0
Vanadium	6010	0.005		1.0	1.04	1.03	103.5	102.5	1.0
Zinc	6010	0.400		1.0	1.44	1.42	104.0	102.0	1.4
Silver	6010	0.005	U	0.4	0.371	0.386	92.8	96.5	4.0

ND = "U" - Not Detected

RPD = Relative Percent Difference of Matrix Spike and Matrix Spike Duplicate

%REC-MS&MSD = Percent Recovery of Matrix Spike & Matrix Spike Duplicate

% REC LIMITS = 75 - 125
RPD LIMITS = 20

ASSOCIATED LABORATORIES

QA REPORT FORM - INORGANICS

QC Sample: LR 39009 - 128811

Matrix: WATER

Prep. Date: 06/24/99

Analysis Date: 06/24/99

ID#'s in Batch: LR 39009

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

Reporting Units = mg/L

Test	Method	Sample Result	ND	Spike Added	Matrix Spike	Matrix Spike Dup	%Rec MS	%Rec MSD	RPD
Cr+6	3500Cr_D	0.02	U	1.0	0.92	0.91	92	91	1.1

%REC LIMITS = 70 - 130
RPD LIMITS = 30

ND = "U" - Not Detected
RPD = Relative Percent Difference of Matrix Spike and Matrix Spike Duplicate
%REC-MS & MSD = Percent Recovery of Matrix Spike & Matrix Spike Duplicate

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

PREP BLANK		LCS				
Value	ND	Result	True	%Rec	L.Limit	H.Limit
0.02	U	0.47	0.50	94	80%	120%

Value = Preparation Blank Value: ND = "U" for Not-Detected
LCS Result = Lab Control Sample Result
True = True Value of LCS
L.Limit / H.Limit = LCS Control Limits

ASSOCIATED LABORATORIES

LCS RECOVERY

Method: 8021

Matrix: WATER

Prep. Date: 06/25/99

Analysis Date: 06/25/99

Lab. Number : LR 39022, 39021, 39009, 38938, 38939, 38940, 38941, 38944, 38947, 38949

REPORTING UNITS = ug/L

COMPOUND	Recovered	True Value	LIMITS
1,1-Dichloroethene	10.9	10	8 - 12
1,1,1-Trichloroethane	9.2	10	8 - 12
Tetrachloroethene	12.0	10	8 - 12
Trichloroethene	9.9	10	8 - 12
Benzene	8.9	10	8 - 12
Toluene	8.4	10	8 - 12
1,3-Dichlorobenzene	10.3	10	8 - 12
1,4-Dichlorobenzene	9.1	10	8 - 12
1,2-Dichlorobenzene	8.6	10	8 - 12

METHOD BLANK = ALL ND

ASSOCIATED LABORATORIES

QA REPORT FORM - ORGANICS

QC Sample: LFB062599

Matrix: WATER

Prep. Date: 06/25/99

Analysis Date: 06/25/99

Lab ID#'s in Batch : LR 39022, 39021, 39009, 38938, 38939, 38940, 38941, 38944, 38947, 38949

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

REPORTING UNITS = ug/L

COMPOUND	Method	Sample Result	ND	Spike Added	Matrix Spike	Matrix Spk. Dup	%REC MS	%REC MSD	% RPD	PREP. Blank
1,1-Dichloroethene	8021	0.0	U	10	11.266	11.036	113	110	2	ND
Chloroform	8021	0.0	U	10	10.396	10.792	104	108	4	ND
1,2-Dichloropropane	8021	0.0	U	10	8.950	9.600	90	96	7	ND
1,1,2-Trichloroethane	8021	0.0	U	10	8.764	9.254	88	93	5	ND
1,2-Dibromomethane	8021	0.0	U	10	11.902	11.816	119	118	1	ND
trans-1,3-Dichloropropene	8021	0.0	U	10	7.672	7.898	77	79	3	ND
cis-1,3-Dichloropropene	8021	0.0	U	10	8.292	8.518	83	85	3	ND
1,1,1-Trichloroethane	8021	0.0	U	10	8.930	9.138	89	91	2	ND
Trichloroethene	8021	0.0	U	10	9.344	9.846	93	98	5	ND
Tetrachloroethene	8021	0.0	U	10	11.874	12.002	119	120	1	ND
1,2,3-Trichloropropane	8021	0.0	U	10	7.004	9.086	70	91	26	ND
Carbon tetrachloride	8021	0.0	U	10	10.258	10.628	103	106	4	ND
Chlorobenzene	8021	0.0	U	10	7.527	8.105	75	81	7	ND
Benzene	8021	0.0	U	10	12.150	10.602	122	106	14	ND
Toluene	8021	0.0	U	10	12.833	10.677	128	107	18	ND
1,3-Dichlorobenzene	8021	0.0	U	10	8.132	10.216	81	102	23	ND
1,4-Dichlorobenzene	8021	0.0	U	10	8.816	10.044	88	100	13	ND
1,2-Dichlorobenzene	8021	0.0	U	10	8.452	8.938	85	89	6	ND

ND = "U" for Not - Detected

RPD = Relative Percent Difference of Matrix Spike and Matrix Spike Duplicate

%REC-MS & MSD = Percent Recovery of Matrix Spike and Matrix Spike Duplicate

%REC LIMITS = 65 - 135
RPD LIMITS = 35

ASSOCIATED LABORATORIES
806 N. Batavia • Orange, CA 92868
(714) 771-6900 • FAX: (714) 538-1209

39009

CHAIN OF CUSTODY RECORD

Date 6-23-99 Page _____ of _____

CLIENT FREY ENVIRONMENTAL, INC.
ADDRESS 2817 A LAFAYETTE AVE.
NEWPORT BEACH, CA 92663

PROJECT MANAGER EVAN PRIVETT
PHONE NUMBER 949-723-1645
SAMPLERS: (Signature)

PROJECT NAME MONDO CHROME

Samples Intact Yes ____ No ____
County Seals Intact Yes ____ No ____
Sample Ambient ___ Cooled ___ Frozen ___
Same Day _____ 24 Hr. _____
Regular X 48 Hr. _____

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE: WATER	AIR	SOLID	NO OF CNTNRS	SUSP CONTAM	TESTS REQUIRED
MW1	VOAs	6-24-99	PM	X			3		EPA 8010
	250 mL PLASTIC						2		HEXAVALENT CHROMIUM
	470 mL PLASTIC						1		TOTAL CHROMIUM & CADMIUM
MW2	VOAs						3		EPA 8010
	250 mL PLASTIC						2		HEXAVALENT CHROMIUM
	470 mL PLASTIC						1		TOTAL CHROMIUM & CADMIUM
MW3	VOAs						3		EPA 8010
	250 mL PLASTIC						2		HEXAVALENT CHROMIUM
	470 mL PLASTIC						1		TOTAL CHROMIUM & CADMIUM

Relinquished by: (Signature) Nicholas Ramos
Received by: (Signature) Ken Hulsey
Date/Time 15:15 6-24-99

Relinquished by: (Signature)
Received by Laboratory for analysis: (Signature)
Date/Time

I hereby authorize the performance of the above indicated work.
Nicholas Ramos

Special Instructions:

DISTRIBUTION: White with report. Yellow to AL; Pink to Courier

ASSOCIATED LABORATORIES
806 N. Batavia • Orange, CA 92868
(714) 771-6900 • FAX: (714) 538-1209

39009

CHAIN OF CUSTODY RECORD

Date 6-23-99 Page ____ of ____

CLIENT FREY ENVIRONMENTAL, INC.
ADDRESS 2817 A LAFAYETTE AVE.
NEWPORT BEACH, CA 92663
PROJECT NAME Mondo Chrome

PROJECT MANAGER Evan Privett
PHONE NUMBER 949-725-1645
SAMPLERS: (Signature)

Samples Intact Yes ____ No ____
County Seals Intact Yes ____ No ____
Sample Ambient ___ Cooled ___ Frozen ___
Same Day ____ 24 Hr. ____
Regular X 48 Hr. ____

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE: WATER	AIR	SOLID	NO. OF CNTNRS	SUSP. CONTAM	TESTS REQUIRED
MW1	VOAs	6-24-99	PM	X			3		EPA 8010
	250 mL PLASTIC						2		HEXAVALENT CHROMIUM
	470 mL PLASTIC						1		TOTAL CHROMIUM & CADMIUM
MW2	VOAs						3		EPA 8010
	250 mL PLASTIC						2		HEXAVALENT CHROMIUM
	470 mL PLASTIC						1		TOTAL CHROMIUM & CADMIUM
MW3	VOAs						3		EPA 8010
	250 mL PLASTIC						2		HEXAVALENT CHROMIUM
	470 mL PLASTIC						1		TOTAL CHROMIUM & CADMIUM

Relinquished by: (Signature) [signature]
Received by: (Signature) Ken Hulsey
Date/Time 15:15 6-24-99

Relinquished by: (Signature)
Received by Laboratory for analysis: (Signature)
Date/Time

I hereby authorize the performance of the above indicated work.
[signature]

Special Instructions:

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier